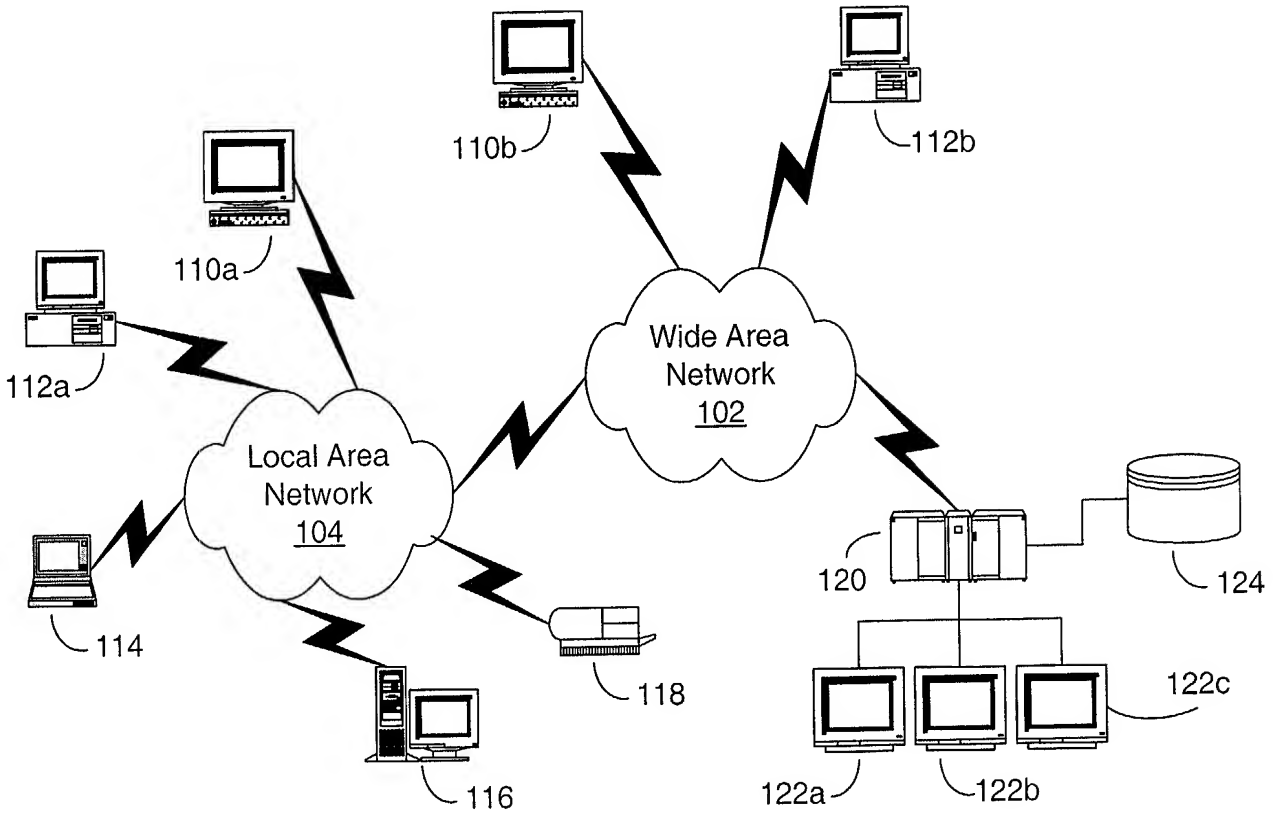
110b
112b
110a
112a
Wide Area
Network
102
Local Area
Network
104
120
124
114
118
122c
116
122a
122b

FIG. 1

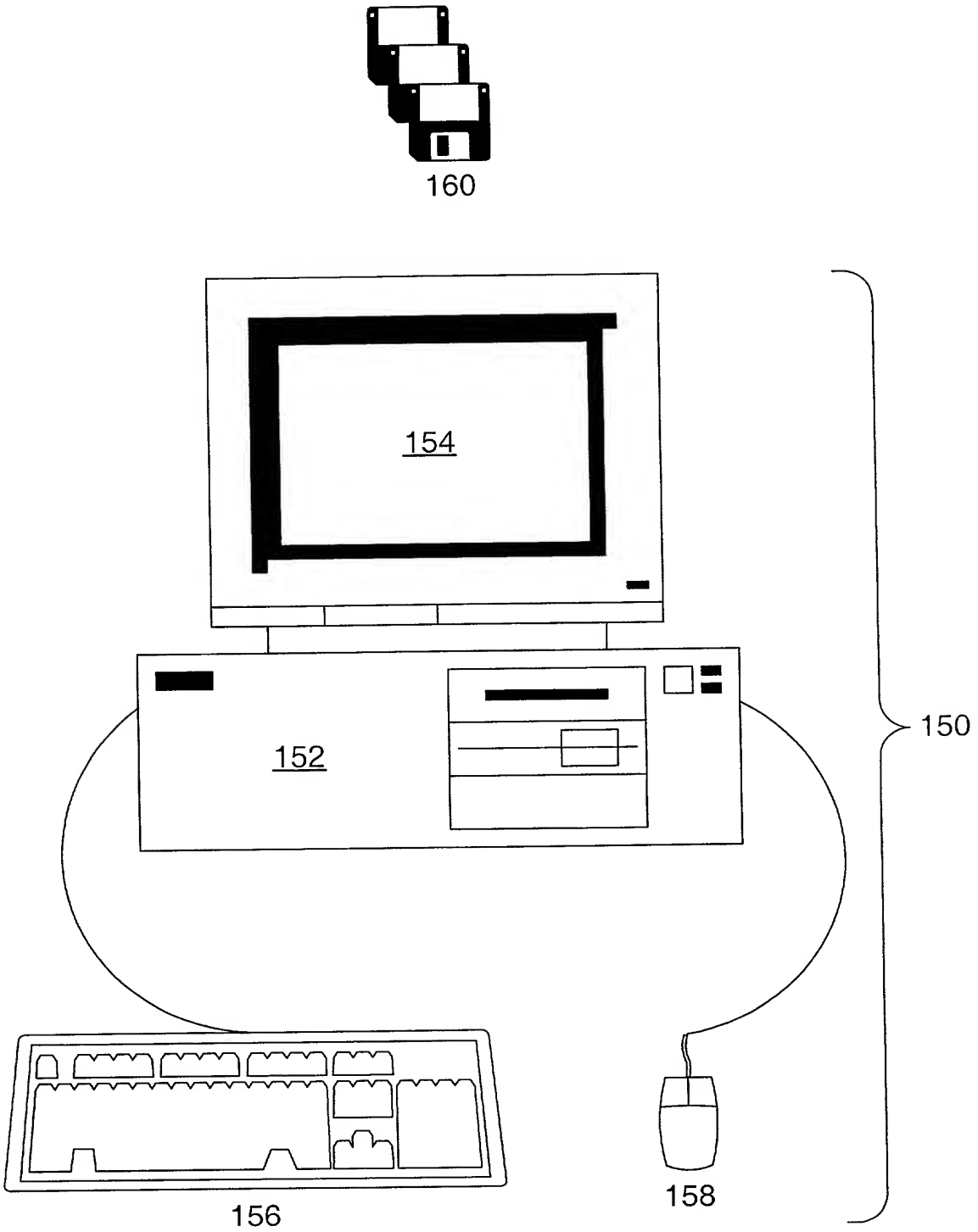

FIG. 2

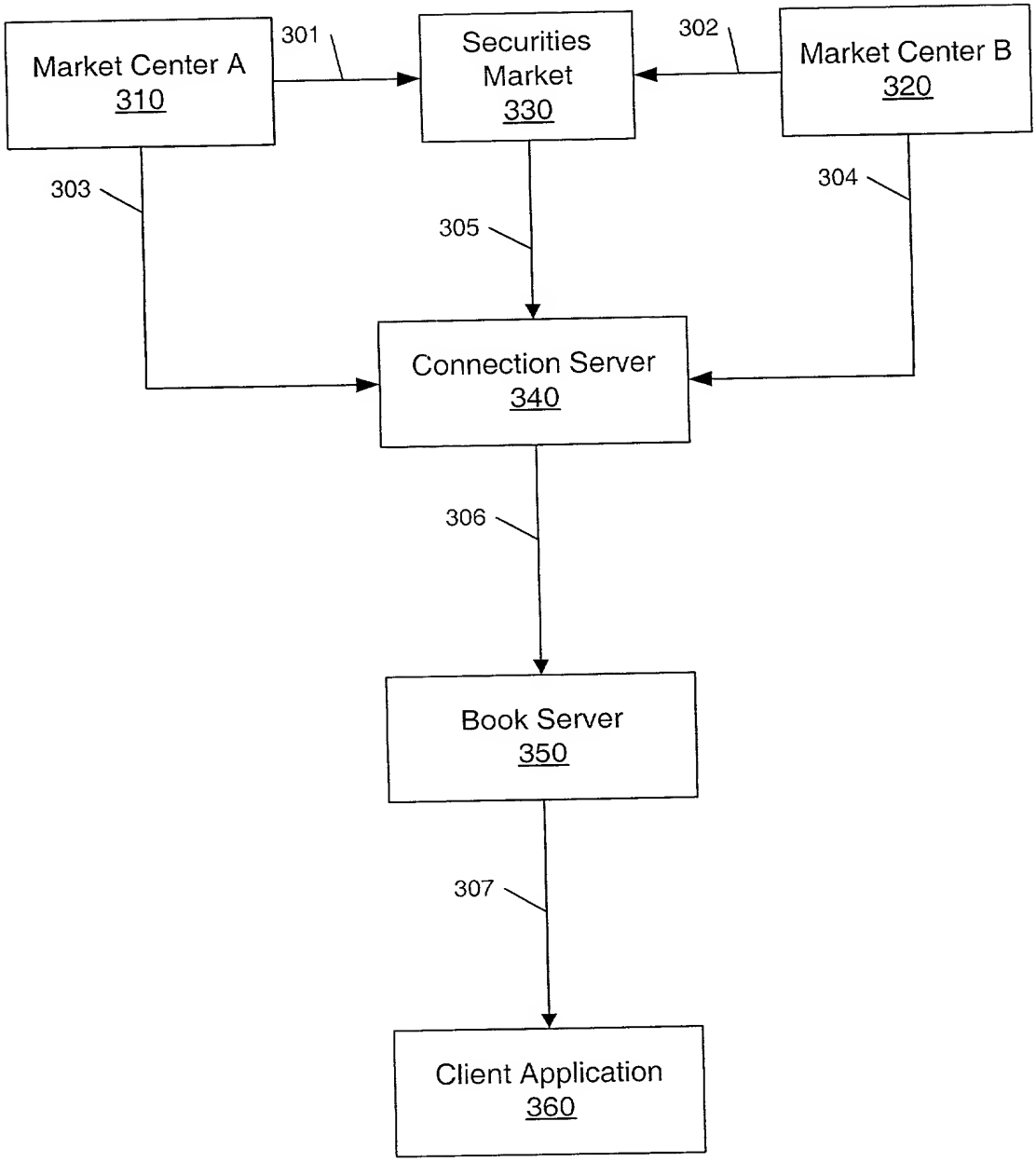
Market Center A
310
301
Securities
Market
330
302
Market Center B
320
303
304
305
Connection Server
340
306
Book Server
350
307
Client Application
360

FIG. 3

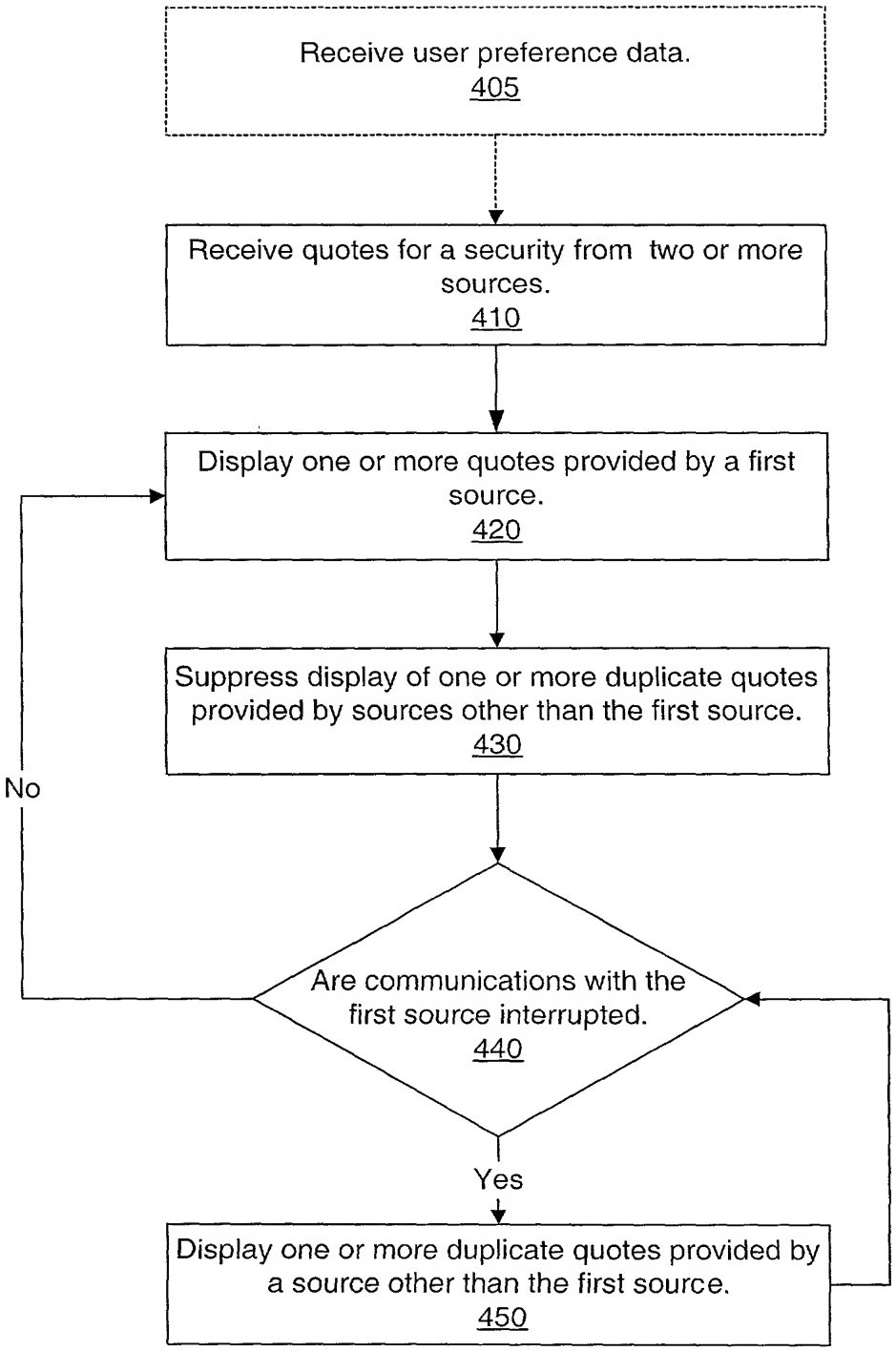
Receive user preference data.
405
Receive quotes for a security from two or more sources.
410
Display one or more quotes provided by a first source.
420
Suppress display of one or more duplicate quotes provided by sources other than the first source.
430
Are communications with the first source interrupted.
440
No
Yes
Display one or more duplicate quotes provided by a source other than the first source.
450

FIG. 4

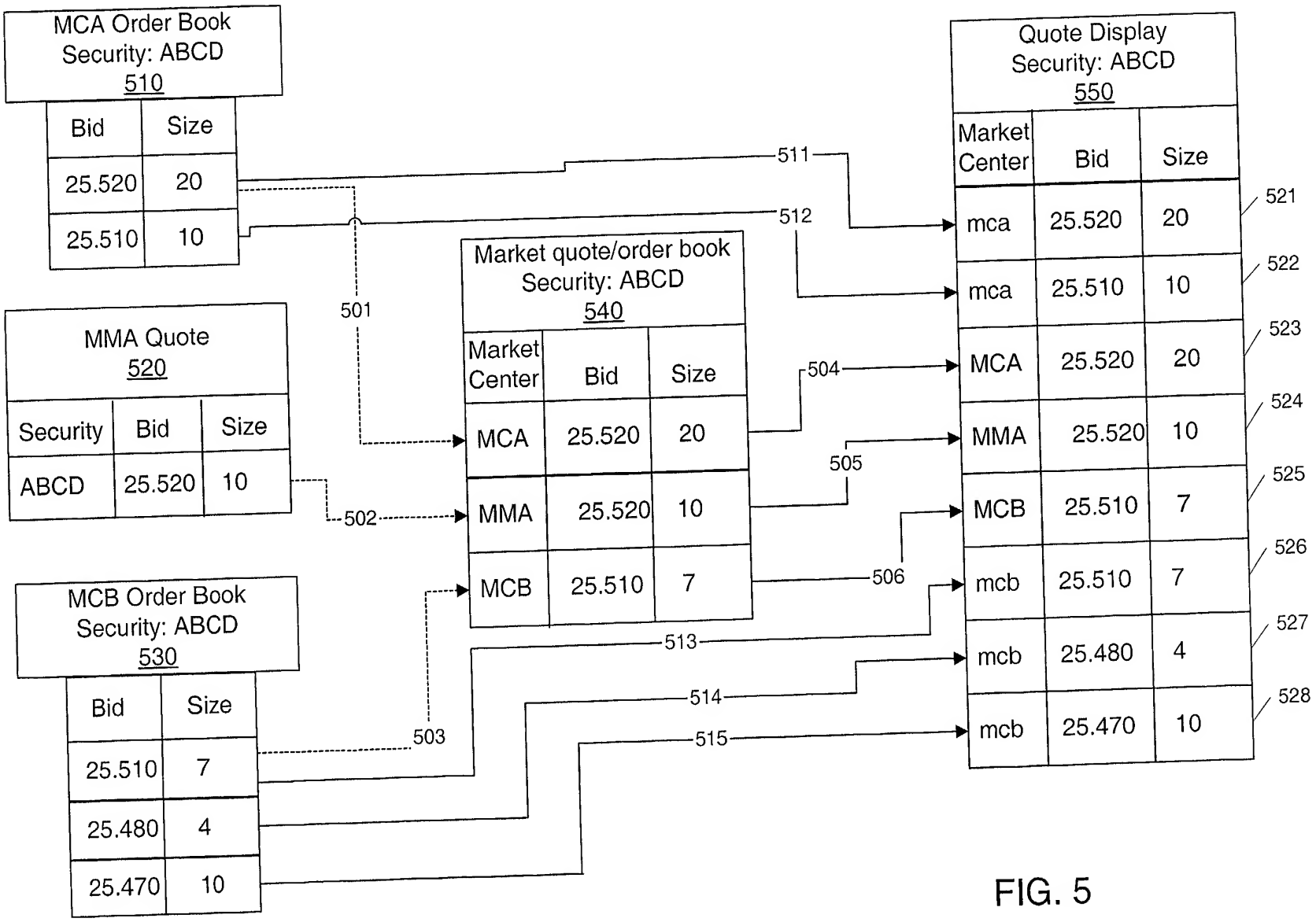
MCA Order Book
Security: ABCD
510
Bid
Size
25.520
20
25.510
10
MMA Quote
520
Security
Bid
Size
ABCD
25.520
10
MCB Order Book
Security: ABCD
530
Bid
Size
25.510
7
25.480
4
25.470
10
Market quote/order book
Security: ABCD
540
Market Center
Bid
Size
MCA
25.520
20
MMA
25.520
10
MCB
25.510
7
Quote Display
Security: ABCD
550
Market Center
Bid
Size
mca
25.520
20
mca
25.510
10
MCA
25.520
20
MMA
25.520
10
MCB
25.510
7
mcb
25.510
7
mcb
25.480
4
mcb
25.470
10
501
502
503
504
505
506
511
512
513
514
515
521
522
523
524
525
526
527
528

FIG. 5

Quote Display Security: ABCD 550			
Market Center	Bid	Size	
mca	25.520	20	521
mca	25.510	10	522
MCA	25.520	20	523
MMA	25.520	10	524
MCB	25.510	7	525
mcb	25.510	7	526
mcb	25.480	4	527
mcb	25.470	10	528

FIG. 6a

Quote Display Security: ABCD 550			
Market Center	Bid	Size	
mca	25.520	20	521
mca	25.510	10	522
MMA	25.520	10	524
mcb	25.510	7	526
mcb	25.480	4	527
mcb	25.470	10	528

FIG. 6b

Quote Display Security: ABCD 550			
Market Center	Bid	Size	
MCA	25.520	20	523
MMA	25.520	10	524
mcb	25.510	7	526
mcb	25.480	4	527
mcb	25.470	10	528

FIG. 6c

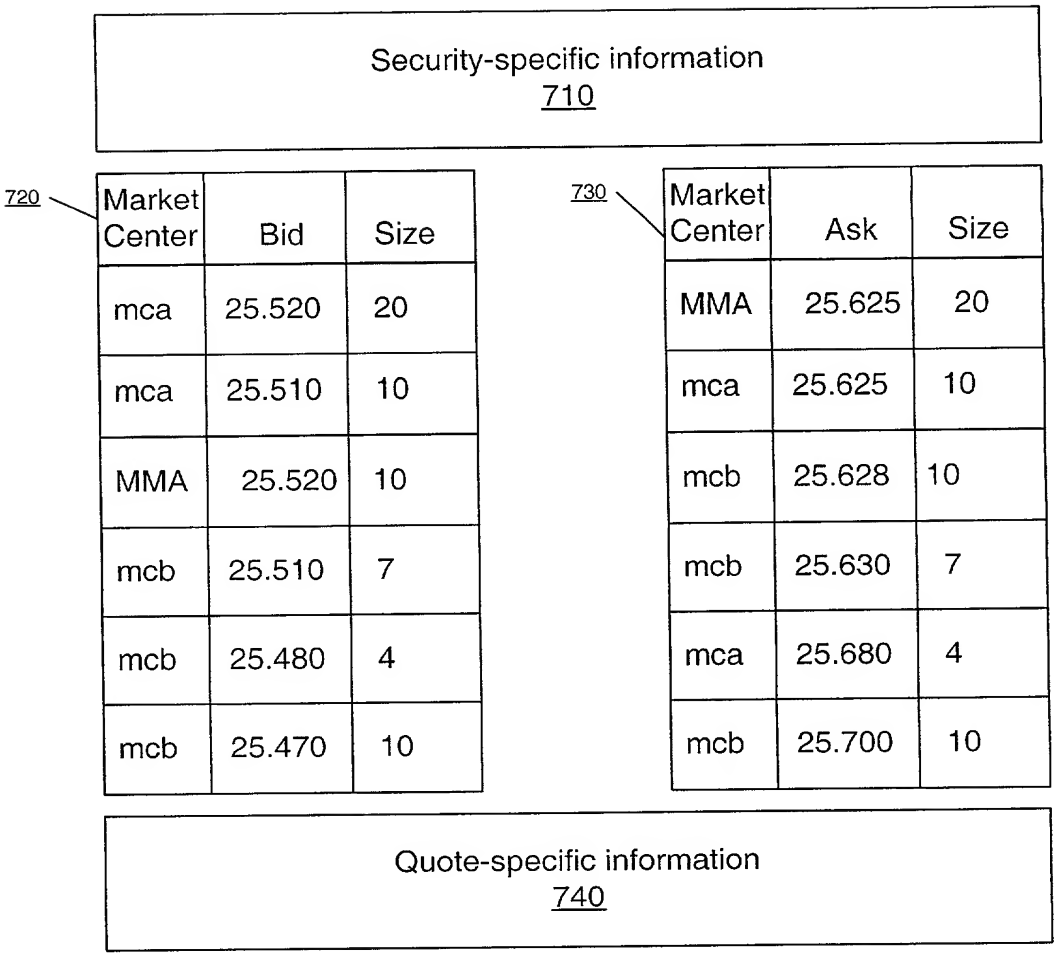
Security-specific information
710
720
Market Center
Bid
Size
mca
25.520
20
mca
25.510
10
MMA
25.520
10
mcb
25.510
7
mcb
25.480
4
mcb
25.470
10
730
Market Center
Ask
Size
MMA
25.625
20
mca
25.625
10
mcb
25.628
10
mcb
25.630
7
mca
25.680
4
mcb
25.700
10
Quote-specific information
740

FIG. 7

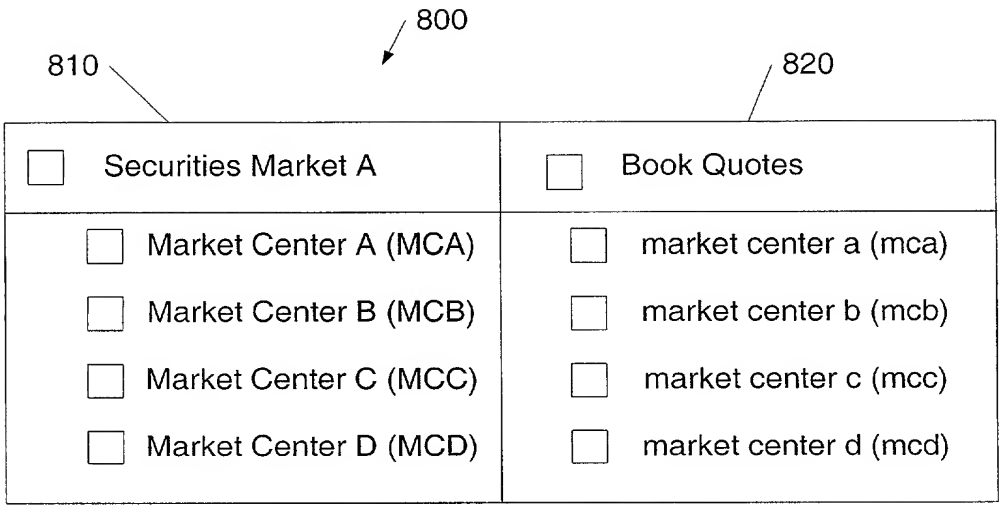
800
810
820
Securities Market A
Book Quotes
Market Center A (MCA)
Market Center B (MCB)
Market Center C (MCC)
Market Center D (MCD)
market center a (mca)
market center b (mcb)
market center c (mcc)
market center d (mcd)

FIG. 8